

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**STREAM-DOWN PREFETCHING CACHE**

the specification of which is attached hereto unless the following is entered:

was filed on	as United States Application Number or PCT International Application Number	and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

**PRIOR FOREIGN APPLICATION(S)**

I hereby claim foreign priority benefits under 35 USC §119(a-d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application(s) for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application Number	Country	Filing Date (day/month/year)	Priority Not Claimed

**PROVISIONAL APPLICATION(S)**

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date

**PRIOR UNITED STATES APPLICATION(S)**

I hereby claim the benefit under 35 USC §120 of any United States application(s), or §365® of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application Number	Filing Date	Status (patented, pending, abandoned)

**POWER OF ATTORNEY**

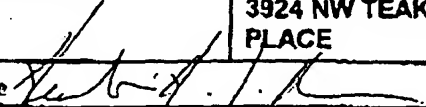
I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Paul H. Heller (Reg. No. 21,074); John C. Altmiller (Reg. No. 25,951); Shawn W. O'Dowd (Reg. No. 34,687); James F. Feeney (Reg. No. 45,538); Thomas George (Reg. No. 45,740) of KENYON & KENYON with offices located at 1500 "K" Street NW, Suite 700, Washington, DC, 20005-1257, telephone (202) 220-4200, and at 333 W. San Carlos Street, Suite 600, San Jose, CA, 95110-2711, telephone (408) 975-7500;

and James E. Jacobson, Jr. (Reg. No. 31,626); Thomas C. Reynolds (Reg. No. 32,488); Raymond J. Werner (Reg. No. 34,752); Richard C. Calderwood (Reg. No. 35,468); Joseph R. Bond (Reg. No. 36,458); Naomi Obinata (Reg. No. 39,320) of INTEL CORPORATION

**PATENT****Docket N . 2207/7830****DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (Cont.)****Direct telephone calls to:**James F. Feeney  
(408) 975-7947**Send correspondence to:**KENYON & KENYON  
333 W. San Carlos, Street, Suite 600  
San Jose, CA 95110-2711

I hereby declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

<b>Full name of first or sole inventor</b>	<b>Last Name</b> HUM	<b>First Name</b> HERBERT	<b>Middle Name</b> HING-JING
<b>Residence</b> 3924 NW TEAKWOOD PLACE	<b>City</b> PORTLAND	<b>State or Country</b> OREGON	<b>Country of Citizenship</b> CANADA
<b>Post Office Address</b>	<b>Street</b> 3924 NW TEAKWOOD PLACE	<b>City</b> PORTLAND	<b>State or Country &amp; Zip Code</b> OREGON 97229
<b>Signature</b> 		<b>Date</b> 3/31/00	
<b>Full name of second inventor</b>	<b>Last Name</b> BOGIN	<b>First Name</b> ZOHAR	<b>Middle Name</b>
<b>Residence</b> 171 WELLFLEET CIRCLE	<b>City</b> FOLSOM	<b>State or Country</b> CALIFORNIA	<b>Country of Citizenship</b> ISRAEL
<b>Post Office Address</b>	<b>Street</b> 171 WELLFLEET CIRCLE	<b>City</b> FOLSOM	<b>State or Country &amp; Zip Code</b> CALIFORNIA 95630
<b>Signature</b>		<b>Date</b>	
<b>Full name of third inventor</b>	<b>Last Name</b>	<b>First Name</b>	<b>Middle Name</b>
<b>Residence</b>	<b>City</b>	<b>State or Country</b>	<b>Country of Citizenship</b>
<b>Post Office Address</b>	<b>Street</b>	<b>City</b>	<b>State or Country &amp; Zip Code</b>
<b>Signature</b>		<b>Date</b>	
<b>Full name of fourth inventor</b>	<b>Last Name</b>	<b>First Name</b>	<b>Middle Name</b>
<b>Residence</b>	<b>City</b>	<b>State or Country</b>	<b>Country of Citizenship</b>
<b>Post Office Address</b>	<b>Street</b>	<b>City</b>	<b>State or Country &amp; Zip Code</b>
<b>Signature</b>		<b>Date</b>	

Page 2 f2

SJ01 17318v1

**DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION**

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**STREAM-DOWN PREFETCHING CACHE**

the specification of which is attached hereto unless the following is entered:

was filed on	as United States Application Number or PCT International Application Number	and was amended on (if applicable)

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56.

**PRIOR FOREIGN APPLICATION(S)**

I hereby claim foreign priority benefits under 35 USC §119(a-d) or §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below any foreign application(s) for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed:

Application Number	Country	Filing Date (day/month/year)	Priority Not Claimed

**PROVISIONAL APPLICATION(S)**

I hereby claim the benefit under 35 USC §119(e) of any United States provisional application(s) listed below:

Application Number	Filing Date

**PRIOR UNITED STATES APPLICATION(S)**

I hereby claim the benefit under 35 USC §120 of any United States application(s), or §365<sup>o</sup> of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of 35 USC §112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

Application Number	Filing Date	Status (patented, pending, abandoned)

**POWER OF ATTORNEY**

I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Paul H. Heller (Reg. No. 21,074); John C. Altmiller (Reg. No. 25,951); Shawn W. O'Dowd (Reg. No. 34,687); James F. Feeney (Reg. No. 45,538); Thomas George (Reg. No. 45,740) of KENYON & KENYON with offices located at 1500 "K" Street NW, Suite 700, Washington, DC, 20005-1257, telephone (202) 220-4200, and at 333 W. San Carlos Street, Suite 600, San Jose, CA, 95110-2711, telephone (408) 975-7500;

and James E. Jacobson, Jr. (Reg. No. 31,626); Thomas C. Reynolds (Reg. No. 32,488); Raymond J. Werner (Reg. No. 34,752); Richard C. Calderwood (Reg. No. 35,468); Joseph R. Bond (Reg. No. 36,458); Naomi Obinata (Reg. No. 39,320) of INTEL CORPORATION

**PATENT****Docket No. 2207/7830****DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION (Cont.)****Direct telephone calls to:**James F. Feeney  
(408) 975-7947**Send correspondence to:**KENYON & KENYON  
333 W. San Carlos, Street, Suite 600  
San Jose, CA 95110-2711

I hereby declare that all statements made herein of my own knowledge are true and all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under §1001 of Title 18 of the United States Code and that such willful statements may jeopardize the validity of the application or any patent issuing thereon.

<b>Full name of first or sole inventor</b>	<b>Last Name</b> <b>HUM</b>	<b>First Name</b> <b>HERBERT</b>	<b>Middle Name</b> <b>HING-JING</b>
<b>Residence</b> <b>3924 NW TEAKWOOD PLACE</b>	<b>City</b> <b>PORTLAND</b>	<b>State or Country</b> <b>OREGON</b>	<b>Country of Citizenship</b> <b>CANADA</b>
<b>Post Office Address</b>	<b>Street</b> <b>3924 NW TEAKWOOD PLACE</b>	<b>City</b> <b>PORTLAND</b>	<b>State or Country &amp; Zip Code</b> <b>OREGON 97229</b>
<b>Signature</b>		<b>Date</b>	
<b>Full name of second inventor</b>	<b>Last Name</b> <b>BOGIN</b>	<b>First Name</b> <b>ZOHAR</b>	<b>Middle Name</b>
<b>Residence</b> <b>171 WELFLEET CIRCLE</b>	<b>City</b> <b>FOLSOM</b>	<b>State or Country</b> <b>CALIFORNIA</b>	<b>Country of Citizenship</b> <b>ISRAEL</b>
<b>Post Office Address</b>	<b>Street</b> <b>171 WELFLEET CIRCLE</b>	<b>City</b> <b>FOLSOM</b>	<b>State or Country &amp; Zip Code</b> <b>CALIFORNIA 95630</b>
<b>Signature</b> <i>Zohar Bogin</i>		<b>Date</b> <i>4-7-2006</i>	
<b>Full name of third inventor</b>	<b>Last Name</b>	<b>First Name</b>	<b>Middle Name</b>
<b>Residence</b>	<b>City</b>	<b>State or Country</b>	<b>Country of Citizenship</b>
<b>Post Office Address</b>	<b>Street</b>	<b>City</b>	<b>State or Country &amp; Zip Code</b>
<b>Signature</b>		<b>Date</b>	
<b>Full name of fourth inventor</b>	<b>Last Name</b>	<b>First Name</b>	<b>Middle Name</b>
<b>Residence</b>	<b>City</b>	<b>State or Country</b>	<b>Country of Citizenship</b>
<b>Post Office Address</b>	<b>Street</b>	<b>City</b>	<b>State or Country &amp; Zip Code</b>
<b>Signature</b>		<b>Date</b>	

RECORDATION FORM COVER SHEET  
PATENTS ONLY

To the Honorable Assistant Commissioner for Patents: Please record the attached original documents or copy thereof.

1. Name(s) of conveying party:

Herbert Hing-Jing Hum  
Zohar Bogin

2. Name and address of receiving party:

Intel Corporation  
2200 Mission College Blvd.  
Santa Clara, CA 95052-8119

3. Nature of conveyance: Assignment

Execution Date: May 1, 2000  
May 7, 2000

4. Application number: 09/541,392

Docket No.: 2207/7830

If this Assignment is being filed together with a new application, enter the execution date of the application (date Declaration signed):

5. Name and address of party to whom correspondence concerning Assignment should be mailed:

James F. Feeney  
KENYON & KENYON  
333 W. San Carlos Street, Suite 600  
San Jose, CA 95110-2711

6. Total number of applications involved: 1

7. Total fee (37 CFR 3.41) = \$40.00

8. Charge fee to Deposit Account No. 11-0600

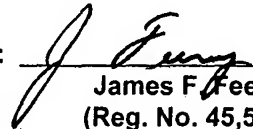
DO NOT USE THIS SPACE

9. Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Date: 6-30-00  
Telephone: (408) 975-7500  
Facsimil: (408) 975-7501

Signature of Attorney:

  
James F. Feeney  
(Reg. No. 45,538)

## ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, and transfer to Intel Corporation, a corporation of Delaware, having a principal place of business at 2200 Mission College Blvd., P.O. Box 58119, Santa Clara, California 95052-8119, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled

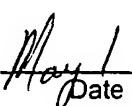
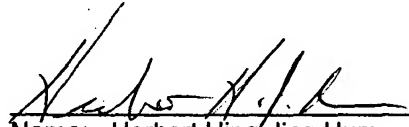
### STREAM-DOWN PREFETCHING CACHE

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

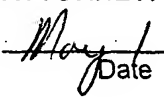
agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

 Date	 Name: Herbert Hing-Jing Hum
 Date	 Name: Zohar Bogin

Each Inventor: Please  
also list the date that you  
signed the DECLARATION  
AND POWER OF  
ATTORNEY:

 Date	2000
 Date	2000

Assignment Document Return Address:

KENYON & KENYON  
333 West San Carlos Street, Suite 600  
San Jose, Ca 95110-2731

# ASSIGNMENT

In consideration of good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, and transfer to Intel Corporation, a corporation of Delaware, having a principal place of business at 2200 Mission College Blvd., P.O. Box 58119, Santa Clara, California 95052-8119, ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all improvements that are disclosed in the application for the United States patent entitled

## STREAM-DOWN PREFETCHING CACHE

and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents that have been or shall be issued in the United States and all foreign countries on said improvements; and in and to all rights of priority resulting from the filing of said United States application;

agree that said Assignee may apply for and receive a patent or patents for said improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and representatives all facts known to the undersigned relating to said improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or representatives in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements, and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

\_\_\_\_\_, 2000  
Date

Name: Herbert Hing-Jing Hum

4-7 ~~2000~~, 2000  
Date

*Zohar Bogin*  
Name: Zohar Bogin

Each Inventor: Please  
also list the date that you  
signed the accompanying  
**DECLARATION AND  
POWER OF ATTORNEY:**

\_\_\_\_\_, 2000  
Date

4/7, 2000  
Date

Assignment Document Return Address:

KENYON & KENYON

333 West San Carlos Street, Suite 600

San Jose, Ca 95110-2731